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T.A.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT Application of:)
Shunpei YAMAZAKI et al.)
Serial No. ~~08/943,333~~ 09/285,899) Group Art Unit 2871
Filed: July 31, 1997) Examiner J. Dudek
For: ELECTRO-OPTICAL DEVICE)
AND METHOD FOR DRIVING)
THE SAME) March 7, 2000

INFORMATION DISCLOSURE STATEMENT
and
IDENTIFICATION OF COPENDING APPLICATIONS

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, it is requested that the reference(s) listed on the attached Form PTO-1449 be made of record in the above-identified application.

The references listed on the attached PTO Form-1449 are references cited in copending Application Serial No. 08/943,333 (Attorney Reference 0756-1958). Copies of these references are submitted herewith in accordance with 37 C.F.R. 1.98(a). The attention of the Examiner is directed to this copending application.

Submitted herewith is a check for \$370.00 for the Submission of

03/09/2000 RTSEGAYE 00000143 09285899
01 FC:126 240.00 OP
02 FC:122 130.00 OP

Information Disclosure Statement fee and petition fee. Thus, it is requested that these references be considered and made of record.

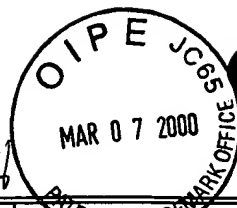
The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 (except the Issue Fee) which may be required now or hereafter, or credit any overpayment, to Deposit Account No. 19-2380. A duplicate copy of this sheet is attached.

Respectfully submitted,



Eric J. Robinson
Registration No. 38,285

NIXON PEABODY LLP
8180 Greensboro Drive, Suite 800
McLean, Virginia 22102
(703) 790-9110
(703) 883-0370 (Fax)

Form PTO-1449
(Rev. 8-83)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket N . 0756-1950

Serial No. 09/285,899

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicants: Shunpei YAMAZAKI et al.

Filing Date: April 8, 1999

Group Art Unit: 2871

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
Q	3,838,209	09/24/74	Tsuchiya et al.			
Q	3,955,187	05/04/76	Bigelow			
D	4,021,607	05/03/77	Amano			
Q	4,427,978	01/24/84	Williams			
Q	4,600,274	07/15/86	Morozumi			
Q	4,649,432	03/10/87	Watanabe et al.			
Q	4,650,543	03/17/87	Kishita et al.			
Q	4,653,862	03/31/87	Morozumi			
Q	4,660,030	04/21/87	Maezawa			
Q	4,716,403	12/29/87	Morozumi			
Q	4,742,346	05/03/88	Gillette et al.			
Q	4,743,096	05/10/88	Wakai et al.			
Q	4,752,774	06/21/88	Clerc et al.			
Q	4,770,502	09/13/88	Kitazima et al.			
Q	4,818,981	04/04/89	Oki et al.			
Q	4,873,516	10/10/89	Castleberry			
Q	4,897,639	01/30/90	Kanayama			
Q	4,960,719	10/02/90	Tanaka et al.			
Q	4,973,135	11/27/90	Okada et al.			
Q	5,016,610	05/21/91	Meguro et al.			
Q	5,091,722	02/25/92	Kitajima et al.			
Q	5,142,272	08/25/92	Kondo			

Examiner

Date Considered

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Q	5,182,620	01/26/93	Shimada et al.			
Q	5,196,839	03/23/93	Johary et al.			
Q	5,206,635	04/27/93	Inuzuka et al.			
Q	5,235,195	08/10/93	Tran et al.			
Q	5,329,390	07/12/94	Fujiwara et al.			
Q	5,408,246	04/18/95	Inaba et al.			
Q	5,414,443	05/09/95	Kanatani et al.			
Q	5,854,879	12/19/98	Inuzuka et al.			
Q	Re. 33,882	04/14/92	Morozumi			

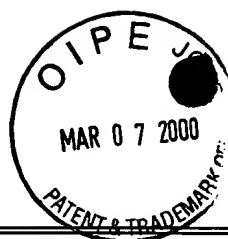
FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
Q	0 349 415	03.01.90	EP				X
Q	1 396 486	04.06.75	GB				
Q	2 130 781	06.06.84	GB				
Q	2 187 859	16.09.87	GB				
Q	49-52598	05.22.74	JP			Abstract	
Q	52-76897	06.28.77	JP			Abstract	
Q	58-27365	02.18.83	JP			Full	
Q	59-61818	04.09.84	JP			Abstract	
Q	60-154996	10.16.85	JP				X
Q	61-136263	06.24.86	JP			Abstract	
Q	62-283664	12.09.87	JP				X
Q	64-68732	03.14.89	JP				X

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FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	N
Q	1-107237	04.25.89	JP			Abstract	
Q	1-156725	06.20.89	JP			Full	
Q	2-16596	01.19.90	JP			Abstract	
Q	2-199498	08.07.90	JP			Abstract	
Q	3-288824	12.19.91	JP			Abstract	
Q	4-283729	10.08.92	JP			Full	
Q	4-291240	10.15.92	JP			Full	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Q	IBM Technical Disclosure Bulletin, Vol. 33, No. 6B, Nov. 1990, New York, pgs. 384-385, XP 000108914, "Driving Method for TFT/LCD Grayscale"
Q	<i>Molecular Crystals and Liquid Crystals</i> , Vol. 185 (1990) August, Chur, CH, pgs. 67-74, Montgomery et al., "Improving Multiplexability of Polymer-Dispersed Liquid Crystal Films by Dual Frequency Addressing".

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